AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An information recording unit comprising:

a memory for storing data provided for recording,

a record device for recording the data stored in said memory onto a recording medium, the data being recorded in each of at least two different areas on said record medium, ~~and~~

a decision device for determining one of the at least two data recorded in the different areas on said record medium as valid data during the recording of the data on said record medium~~.~~, and

a data update device for updating data addresses in a control area on said record medium, wherein the data update device updates the data addresses such that any one of the different areas, of which the data is not determined to be valid, is blank.

2. (currently amended): An information recording unit comprising:

a memory for storing data provided for recording,

a record device for intermittently recording the data stored in said memory onto a recording medium,

a valid-data decision device for determining whether the recorded data is valid, and

a data update device for updating data addresses in a control area on said record medium,

wherein said record device records the data in each of at least two different areas on said record medium, and said valid-data decision device determines one of the at least two data recorded in the different areas on said record medium as valid data during the recording of the data on said record medium,

wherein the data update device updates the data addresses such that any one of the different areas, of which the data is not determined to be valid, is blank.

3. (Previously presented) The unit as set forth in claim 2, the unit further comprising:

a record control device for controlling said record device,

wherein said record control device provides a control command for said record device to record a predetermined quantity of data stored in said memory at a first recording location on said record medium and also provides a control command for said record device to record said predetermined quantity of data at a second recording location different from said first recording location after said predetermined quantity of data is recorded at said first recording location.

4. (Previously presented) The unit as set forth in claim 3, the unit further comprising:

a blank area search device for searching a blank area on said record medium,

wherein said first recording location has a predetermined address of a blank area searched by said blank area search device, and said second recording location has an address different from the predetermined address of the searched blank area.

5. (currently amended): The unit as set forth in claim 2~~, the unit further comprising: a data update device for updating data address information recorded in a control area on the record medium for controlling data addresses,~~ wherein said data update device updates a data address of which data has been decided to be valid by said valid-data decision device.

6. (Previously presented) An information recording unit comprising:

a memory for firstly storing data,

a record medium for intermittently recording the stored data in said memory,

a record device for recording the data on said record medium,

a valid-data decision device for determining whether the recorded data is valid,

wherein said record device records the data in at least two different areas on said record medium, and said valid-data decision device determines one valid data among the recorded data of the different areas,

a vibration detection device for detecting a vibration applied to the unit,

a first storage device for storing a first flag indicating the occurrence of a vibration in relation to a predetermined address when said vibration detection device has detected a vibration during a data recording operation at the predetermined address, and

a second storage for storing a second flag in relation to another predetermined address so as to indicate that said valid-data decision device has determined that desired data is not recorded at the another predetermined address on said record medium,

wherein said valid-data decision device determines whether the data is valid according to said flags stored by said first and second storage devices.

7. (Previously presented) An information recording unit comprising:

a memory for firstly storing data,

a record medium for intermittently recording the stored data in said memory,

a record device for recording the data on said record medium,

a valid-data decision device for determining whether the recorded data is valid,

wherein said record device records the data in at least two different areas on said record medium, and said valid-data decision device determines one valid data among the recorded data of the different areas,

a servo condition detection device for detecting whether at least one of a tracking error signal and a focus error signal reaches a predetermined threshold,

a record-data decision device for determining whether a desired data has been recorded on said record medium,

a first storage device for storing a first flag indicating the occurrence of a vibration in relation to a predetermined address during a data recording operation at the predetermined

address when said servo condition detection device has detected that said at least one error signal has reached the threshold,

a second storage device for storing a second flag corresponding to a predetermined address so as to indicate that said record-data decision device has determined that data is correctly recorded at the predetermined address on said record medium,

wherein said valid-data decision device determines whether the data is valid based on said flags in said first and second storage devices.

8. (canceled).

9. (Previously presented) The unit as set forth in claim 3, wherein said record device continues recording into the first recording location until the remaining data quantity in said memory reaches a predetermined quantity, and continues recording into the second recording location until said record device has recorded data originally identical with the data that has been recorded into the first recording location.

10. (Original) An information recording method of storing data into a memory firstly and of recording intermittently the in-memory stored data on a record medium, the method comprising the steps of:

a first recording step for recording a predetermined quantity of first data at a first recording location on said record medium,

a second recording step for recording the first data at one or more locations different from the first recording location on the record medium,

a third recording step for recording a predetermined quantity of the second data stored in said memory at a third recording location adjacent to the first recording location on the record medium,

a fourth recording step for recording the second data at one or more recording locations adjacent to the recording location in which the first data has been recorded on said record medium in the second recording step, the first to fourth recording steps being repeated to record data stored in said memory on said record medium,

a vibration detection step for detecting a disturbing vibration during each of the first to fourth steps,

a recorded data decision step for determining whether the first and second data each has been recorded in the corresponding data recording location on said record medium, and

a valid-data decision step for determining one valid data among two or more originally identical data recorded in different locations on said record medium based on a result of said vibration detection step during recording of the two or more identical data.

11. (Original) An information recording method of storing data into a memory firstly and of recording intermittently the in-memory stored data on a record medium, the method comprising the steps of:

a first recording step for recording a predetermined quantity of first data at a first recording location on said record medium,

a second recording step for recording the first data at one or more locations different from the first recording location on the record medium,

a third recording step for recording a predetermined quantity of the second data stored in said memory at a third recording location adjacent to the first recording location on the record medium,

a fourth recording step for recording the second data at one or more recording locations adjacent to the recording location in which the first data has been recorded on said record medium in the second recording step, the first to fourth recording steps being repeated to record data stored in said memory on said record medium,

a servo condition detection step for detecting whether at least one of a tracking error signal and a focus error signal reaches a predetermined threshold during each of the first to fourth recording steps,

a record-data decision step for determining whether the first and second data each has been recorded in the associated data recording location on said record medium, and

a valid-data decision step for determining one valid data among two or more originally identical data recording in different locations on said record medium based on a result of said servo condition detection step during recording the two or more identical data.

12. (Original) The method as set forth in claim 10, the method further comprising a data updating step for updating data address information recorded in a control area on the record medium to control a data address based on a result of said valid-data decision step.

13. (Original) The method as set forth in claim 11, the method further comprising a data update step for updating data address information recorded in a control area on the record medium to control data address based on a result of said valid-data decision step.

14. (Previously Presented) A method of storing data into a memory and recording the stored data on a record medium, comprising:

recording a predetermined quantity of first data at a first recording location on said record medium,

recording the first data at least a second recording location on the record medium, wherein the at least the second recording location is different from the first recording location,

recording a predetermined quantity of second data stored in said memory at a third recording location on a record medium,

recording the second data at one or more recording locations adjacent to the recording location on said record medium, the four recording operations being repeated to record data stored in said memory on said record medium,

detecting a disturbing vibration during each of the four recording operations,

deciding whether the first and second data each has been recorded in the corresponding data recording location on said record medium, and

determining one valid data among two or more originally identical data recorded in different locations on said record medium based on a result of said detecting operation during recording of the two or more identical data.

15. (Previously Presented) A method of storing data into a memory and recording the stored data on a record medium, comprising:

recording a predetermined quantity of first data at a first recording location on said record medium,

recording the first data at least a second recording location on the record medium, wherein the at least the second recording location is different from the first recording location on the record medium,

recording a predetermined quantity of second data stored in said memory at a third recording location on the record medium, which is different from the first and second recording locations,

recording the second data at one or more recording locations different from the recording locations in which the first data has been recorded on said record medium, said four recording operations being repeated to record data stored in said memory on said record medium,

detecting whether at least one of a tracking error signal and a focus error signal reaches a predetermined threshold during each of the four recording operations,

deciding whether the first and second data each have been recorded in the associated data recording location on said record medium, and

determining one valid data among two or more originally identical data recorded in different locations on said medium based on a result of said detecting operation during recording the two or more identical data.

16. (Previously Presented) The method as set forth in Claim 14, the method further comprising:

updating data address information recorded in a control area on the record medium to control a data address based on a result of said determining operation.

17. (Previously Presented) The method as set forth in Claim 15, the method further comprising:

updating data address information recorded in a control area on the record medium to control a data address based on a result of said determining operation.

18. (Previously Presented) An information recording unit comprising:

a memory for storing data provided for recording,

a record device for intermittently recording the data stored in said memory onto a recording medium, said record device recording the data in at least two different areas on said record medium,

a valid-data decision device for determining whether the recorded data is valid, said valid-data decision device determining one valid data among the recorded data in the different areas,

a vibration detection device for detecting a vibration applied to the unit.

a first storage device for storing a first flag indicating the occurrence of a vibration in relation to a predetermined address when said vibration detection device has detected a vibration during a data recording operation at the predetermined address, and

a second storage device for storing a second flag in relation to another predetermined address so as to indicate that said valid-data decision device has determined that desired data is not recorded at the another predetermined address on said record medium,

wherein said valid-data decision device determines whether the data is valid according to said flags stored by said first and second storage devices.

19. (Previously Presented) An information recording unit comprising:

a memory for storing a data provided for recording,

a record device for intermittently recording the data stored in said memory onto a recording medium, said record device recording the data in at least two different areas on said record medium,

a valid-data decision device for determining whether the recorded data is valid, said valid-data decision device determining one valid data among the recorded data of the different areas,

a servo condition detection device for detecting whether at least one of a tracking error signal and a focus error signal reaches a predetermined threshold,

a record-data decision device for determine whether a desired data has been recorded on said record medium,

a first storage device for storing a first flag indicating the occurrence of a vibration in relation to a predetermined address during a data recording operation at the predetermined address when said servo condition detection device has detected that said at least one error signal has reached the threshold,

a second storage device for storing a second flag corresponding to a predetermined address so as to indicate that said record-data decision device has determined that data is correctly recorded at the predetermined address on said record medium,

wherein valid-data decision device determines whether the data is valid based on said flags in said first and second storage devices.

20. (previously presented): The information recording unit according to claim 1, wherein said valid data is able to be used as a recorded data.

21. (previously presented): The information recording unit according to claim 2 , wherein said valid data is able to be used as a recorded data.

22. (previously presented): The information recording unit according to claim 1, wherein said valid data is selected as data to be reproduced.

23. (previously presented): The information recording unit according to claim 2, wherein said valid data is selected as data to be reproduced.

24. (previously presented): The information recording unit according to claim 22, wherein the other one of said at least two data recorded in the different areas on said record medium, which is not detected as said valid data by said decision device, is not used during a reproduction operation.

25. (previously presented): The information recording unit according to claim 23, wherein the other one of said at least two data recorded in the different areas on said record medium, which is not detected as said valid data by said decision device, is not used during a reproduction operation.

26. (previously presented): The information recording unit according to claim 1, wherein said record medium is a disc.

27. (previously presented): The information recording unit according to claim 2, wherein said record medium is a disc.

28. (previously presented): The information recording unit according to claim 26, wherein said disc is an optical disk.

29. (previously presented): The information recording unit according to claim 27, wherein said disc is an optical disk.

30. (previously presented): The information recording unit according to claim 26, wherein said disc is a mini-disc.

31. (previously presented): The information recording unit according to claim 27, wherein disc is a mini-disc.